Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Saturday 22 Jan 2022 until 23:59 on Sunday 23 Jan 2022

Forecast Issued on Saturday 22 Jan 2022 at 04:01

Confidence: High for mainly dry and settled conditions but lower confidence for cloud details. Low confidence for timing of rain arriving from the northwest on Wednesday.

Headline for Saturday 22 Jan 2022: Mainly dry and cloudy. Cold and breezy with low cloud on the tops.

Mountain weather hazards on Saturday 22 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG	FOG	FOG
Fog	Fog	Fog	Fog	Fog	Fog
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Saturday 22 Jan 2022

Weather: Cloudy across most fells but the odd bright spell is possible, mainly to the east of Helvellyn and Ambleside. Staying largely dry except for a few spots of rain but amounting to very little. Staying cloudy in the evening preventing a frost.

Chance of cloud free mountain/hill tops above 800m: 20% in west, 40% in east.

Visibility: Areas of low cloud and fog above 400 or 500m, most persistent across western and central fells giving navigational difficulties. Patchier cloud across eastern fells with higher slopes clearing at times. Mostly good visibility away from low cloud.

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Forecast for Saturday 22 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	21/25 W	20/24 W	20/26 W	17/22 W	14/17 W	11/14 SW	12/15 SW
600	17/23 W	15/20 W	16/22 W	14/19 W	11/15 W	9/13 SW	10/14 SW
300	8/21 W	6/18 W	8/19 W	6/16 W	6/13 W	4/10 W	4/11 SW
Valley	5/17 W	6/15 W	8/17 W	6/14 W	6/13 W	3/9 W	4/10 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-5	2/-4	2/-4	2/-4	1/-3	2/-2	1/-3
600	3/-2	3/-2	3/-2	4/-1	3/-1	3/0	3/-0
300	5/2	5/2	6/3	6/3	5/3	5/3	5/3
Valley	6/5	6/5	7/5	7/5	7/5	6/5	6/5
Freezing Level*	1000m	1200m	1200m	1200m	1200m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold on the tops, especially in the damp conditions up in the cloud. Valley temperatures close to freezing at first in the east under any clear breaks.

Forecast for Sunday 23 Jan 2022

Weather: Mostly cloudy again and largely dry. A little light rain is possible, falling as snow above 700m, but amounts very small. Some brighter intervals, mainly in the east. Feeling cold at height.

Maximum wind: West or Southwest 15 to 20mph, gusting 30mph on high ridges and summits.

Chance of cloud free mountain/hill tops above 800m: 20% in west, 40% in east.

Visibility: Areas of low cloud and fog above 500m, most persistent across western and central fells giving navigational difficulties. Patchier cloud across eastern fells with higher slopes clearing at times. Mostly good visibility away from low cloud.

Temperature: **Valleys:** Plus 3 Celsius rising to 7 Celsius.
At 800m: Plus 1 Celsius, falling to Minus 1 Celsius.
Freezing level: Above summits overnight, falling to 800m in morning.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Friday 21 January 2022 Location: Catstyecam summit at 14:55 Full report: A windy day in the fells with little change in the ground conditions compared to the last few days. The wind speeds were higher than indicated in today's readings and estimated to be in the region of 30-35mph. The vast majority of the fells are snow-free up to and including the highest summits and any remaining old snow / névé is generally (but not exclusively) found on steep north through east-facing aspects above 700m. In these locations cover is quite patchy, however, some of the patches are quite large. Small cornices are also present around corrie rims and should be given a wide berth. All of the snow encountered today was relatively firm and required the use of an ice axe and crampons/microspikes to move over safely. A slip or trip in these conditions, if not quickly arrested could have serious consequences. Some ice was also present down to lower elevations today but was relatively easy to avoid. Striding and Swirral edge can be done almost entirely on rock, however, a steep bank of hard snow is present on their exit slopes and requires good care to cross safely. Full winter clothing (warm and waterproof) including hats and gloves, a map and compass, and headtorch are all essential items for anyone venturing into the fells. Temperature: plus 0.9 C, Maximum wind speed 13.3 mph, Wind chill: minus 2.2 C, Average wind speed: 6.1 mph.

Issued at: 04:01 on Sat 22 Jan 2022

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